

INDEX.

ORIGINAL ARTICLES.

THE MEMORY IMAGE AND ITS QUALITATIVE FIDELITY, <i>I. Madison Bentley</i> ,	1-48
THE PSYCHOLOGY OF HOBBS AND ITS SOURCES, <i>V. F. Moore</i> ,	49-66
EXPERIMENTS ON DISCRIMINATION OF CLANGS FOR DIFFERENT INTERVALS OF TIME. Part I. <i>Frank Angell and Henry Harwood</i> ,	67-79
NOTES ON THE PSYCHIC DEVELOPMENT OF THE YOUNG WHITE RAT, <i>Willard S. Small</i> ,	80-100
ROMANES'S IDEA OF MENTAL DEVELOPMENT, <i>Marion Hamilton Carter</i> ,	101-118
MINOR STUDIES FROM THE PSYCHOLOGICAL LABORATORY OF CORNELL UNIVERSITY. <i>E. B. Titchner</i> .	
XVIII. FLUCTUATION OF THE ATTENTION TO MUSICAL TONES, <i>H. O. Cook</i> ,	119-123
XIX. VISUAL READING: A STUDY IN MENTAL IMAGERY, <i>W. B. Secor</i> ,	225-236
AN EXPERIMENTAL STUDY OF THE MENTAL PROCESSES OF THE RAT, <i>Willard S. Small</i> ,	133-165
PSYCHICAL LIFE IN PROTOZOA, <i>G. P. Watkins</i> ,	166-180
PSYCHIC RUDIMENTS AND MORALITY, <i>George E. Dawson</i> ,	181-224
MINOR STUDIES FROM THE PSYCHOLOGICAL LABORATORY OF CLARK UNIVERSITY. <i>E. C. Sanford</i> .	
XV. AUTOMATIC MOVEMENTS OF THE LARYNX, <i>H. S. Curtis</i> ,	237-239
XVI. ZÖLLNER'S ANORTHOSCOPIC ILLUSION, <i>Colin C. Stewart</i> ,	240-243
XVII. EXPERIMENTS UPON THE CONTROL OF THE REFLEX WINK, <i>George E. Partridge</i> ,	244-250
THE EQUIPMENT OF A PSYCHOLOGICAL LABORATORY, <i>E. B. Titchener</i> ,	251-265

INDEX.

ORIGINAL ARTICLES.

THE MEMORY IMAGE AND ITS QUALITATIVE FIDELITY, <i>I. Madison Bentley</i> ,	1-48
THE PSYCHOLOGY OF HOBBS AND ITS SOURCES, <i>V. F. Moore</i> ,	49-66
EXPERIMENTS ON DISCRIMINATION OF CLANGS FOR DIFFERENT INTERVALS OF TIME. Part I. <i>Frank Angell and Henry Harwood</i> ,	67-79
NOTES ON THE PSYCHIC DEVELOPMENT OF THE YOUNG WHITE RAT, <i>Willard S. Small</i> ,	80-100
ROMANES'S IDEA OF MENTAL DEVELOPMENT, <i>Marion Hamilton Carter</i> ,	101-118
MINOR STUDIES FROM THE PSYCHOLOGICAL LABORATORY OF CORNELL UNIVERSITY. <i>E. B. Titchner</i> .	
XVIII. FLUCTUATION OF THE ATTENTION TO MUSICAL TONES, <i>H. O. Cook</i> ,	119-123
XIX. VISUAL READING: A STUDY IN MENTAL IMAGERY, <i>W. B. Secor</i> ,	225-236
AN EXPERIMENTAL STUDY OF THE MENTAL PROCESSES OF THE RAT, <i>Willard S. Small</i> ,	133-165
PSYCHICAL LIFE IN PROTOZOA, <i>G. P. Watkins</i> ,	166-180
PSYCHIC RUDIMENTS AND MORALITY, <i>George E. Dawson</i> ,	181-224
MINOR STUDIES FROM THE PSYCHOLOGICAL LABORATORY OF CLARK UNIVERSITY. <i>E. C. Sanford</i> .	
XV. AUTOMATIC MOVEMENTS OF THE LARYNX, <i>H. S. Curtis</i> ,	237-239
XVI. ZÖLLNER'S ANORTHOSCOPIC ILLUSION, <i>Colin C. Stewart</i> ,	240-243
XVII. EXPERIMENTS UPON THE CONTROL OF THE REFLEX WINK, <i>George E. Partridge</i> ,	244-250
THE EQUIPMENT OF A PSYCHOLOGICAL LABORATORY, <i>E. B. Titchener</i> ,	251-265

ON THE PSYCHOLOGY AND PHYSIOLOGY OF READING. I.	
<i>Edmund B. Huey</i> ,	283-302
DISTURBANCES OF APPERCEPTION IN INSANITY,	
<i>J. W. Slaughter</i> ,	303-311
SENSIBILITY TO PAIN,	
<i>Edgar James Swift</i> ,	312-317
STUDIES IN THE PSYCHOLOGY OF ALCOHOL,	
<i>George E. Partridge</i> ,	318-376
TWO CASES OF SYNAESTHESIA,	
<i>Guy Montrose Whipple</i> ,	377-404
THE SYNTHETIC EXPERIMENT,	
<i>I. Madison Bentley</i> ,	405-425
THE PSYCHOLOGY OF CONJURING DECEPTIONS,	
<i>Norman Triplett</i> ,	439-510
THE FALLACY OF EXTREME IDEALISM,	
<i>Stephen Sheldon Colvin</i> ,	511-526
VISUAL AND TACTUO-MUSCULAR ESTIMATION OF LENGTH,	
<i>Edgar James Swift</i> ,	527-529
REMARKS ON C. LLOYD MORGAN'S PAPER, "RELATION OF STIMULUS TO SENSATION,"	
<i>Max Meyer</i> ,	530-533
PITY,	
<i>F. H. Saunders and G. Stanley Hall</i> ,	534-591

SUBJECT INDEX.

Æsthetics, beauty and love, 277.
Alcohol, psychology of, 318.
Apparatus, 251.
Atrophy, evolution by, 597.
Attention, fluctuation of, 119.
Character, 599.
Child Study: physical nature of the child, 124.
Collective psychology, 275.
Comparative psychology: white rat, 80, 133; Romanes's idea of mental development, 101; psychic life of protozoa, 166; psychogenesis in white, 80; psychic rudiments and morality, 181; intellectual characteristics of the horse, 276; insects, 276; animal behavior, 276; migration of animals, 275.
Crime, 599; premeditation in, 274; vice, 597.
Deceptions (Conjuring), psychology of, 439.
Emotions: Joy, 600; love, 277; pity, 534; sadness, 600. See also Feeling.
Ethical, 598, 599; psychic rudiments and morality, 181; morals, 598.
Evolution, organic, 599.
Experimental: The Synthetic Experiment, 405; equipment of a psychological laboratory, 251; discriminative sensibility (weight lifting), 266; discrimination of clangs, 67; fluctuation of tones, 436; effects of alcohol, 368; estimation (visual and tactuo-muscular) of length, 527.
Feeling, 276. See also Emotions.

Illusions: New method for studying optical, 279; Zöllner's anorthoscopic illusions, 240.
 Imagination, 271; mental imagery, 225.
 Individual, the World and the, 596.
 Inhibition, 273; control of the reflex wink, 244.
 Language, 599.
 Memory, 600; early memories, 435; memory image, 1; memory of tones, 67; of visual distances, 125.
 MISCELLANEOUS. Begetting, 277.
 Biography, 593.
 Book notes, 275, 597.
 Books received, 131, 281, 438, 601.
 Brain in relation to mind, 277.
 Communication, 436.
 Differential sensations, 266.
 Erratum, 281.
 Japan, 599.
 Microbiology, 592.
 Modern psychology in Germany, 125, 426.
 Neurological literature, recent, 430.
 Notes and News, 128-130, 279-281, 435-436.
 The Paris congress, 128; Psychological card catalogue, 129; Books to appear, 130; Personal, 130, 280; International Congress of Ethnology, 280; Eighth annual meeting of the American Psychological Association, 280; Psychology at Columbia, 281; Need of another Psychological Journal, 279; Thirteenth International Medical Congress, 279; Royal Society Catalogue, 281.
 Physiognomy, 277.
 Psychological Literature, 124-128, 266-278, 426-434, 592-600; recent Italian, 271-275.
 Reflex wink, control of, 244.
 Riddles, 271.
 Science, grammar of, 597.
 Synæsthesia, 377.
 Text books: Titchener's *Primer of Psychology*, 128; *Ethics*, 598; *Organic evolution*, 599.
 Movement: the reflex wink, 244; automatic movements of larynx, 237.
 Neurological, 430-434, 593, 594; ascending tracks in spinal cord, 433; association-centres, 595; central nervous system, 593, 594; cortex, 595; degeneration of spinal marrow, 594; Golgi's method and neuron retraction, 434; localization(cerebral), 595; medulla, 594; motor-centres, 595; nerve-fibres, 594; nervous system and its constituent neurones (Barker), 430; neurone theory, 594; neurones, 595; number of functional cells in cortex, 532; numerical comparisons of the centripetal and centrifugal fibres arising in the spinal ganglia, 433; protoplasm (cell), 595; pyramidal tract, 433; regeneration of nerve-fibres, 594; significance of the small volume of the nerve-cell bodies in the cerebral cortex, 432; spinal cord, 433, 594; spinal nerve of frog, 432; weight and length of central nervous system and legs in frogs, 433.
 Philosophical, 599; atoms, 598; cosmogony, 278; energy, 598; Hobbes, the psychology of, 49; ideas, philosophic, 597; idealism, 511, 596; Hellenism, 599; Spinozism, 277; Nietzsche's aphorisms, 124; thought and speech, 600. See also Theological.
 Physiological psychology, modern, in Germany, 125, 426.
 Psychiatry and Neuropathy: Insanity, 597; apperception in insanity, 303; epilepsy, 593; dreams, 593; sleep, 593; soliloquy among lunatics, 274.

Psychic Research: Des Indes à la planète Mars (Flournoy), 428; trance phenomena in Mrs. Piper, 436.
 Punishment, 274.
 Reading, 283; visual reading, 225; reading without articulation, 435;
 Senses, 592; sense-epithets, 592; audition (fluctuation of attention to musical tones), 119; eye-mindedness of poets, 592; hearing, 593, muscular sense, 527; pain, 312; sensation, 530, 600; sight, 527, 593; smell, 593; stimulus, relation of, to sensation, 530; taste, 593; touch, 593.
 Sex, 272; sexual impulse, 276; sex and art, 276; sexual crime, 276.
 Theological, 277, 278; revelation of Jesus, 278; Ritschlian theology, 278; spirit and spirits in the post-apostolic period, 277; spiritual life, 600; race and religion, 599.
 Trance conditions, 428, 436.

NAMES OF AUTHORS.

(The names of those who have contributed original matter are printed in **SMALL CAPITALS**.)

ALLIN, Thomas, 599.
ANGELL, FRANK, 67, 266, 426.
 Baer, W. S., 594.
 Barker, Lewellys F., 430.
 Batten, F. E., 433.
 v. Bechtereiv, 595.
BENTLEY, I. MADISON, I, 125, 405.
 Caldwell, Mary G., 592.
 Carpenter, Geo. H., 276.
CARTER, MARION H., 101.
 Caverino, Charles, 598.
 Cenci, C., 594.
CHAMBERLAIN, ALEX. F., 271, 592, 593.
 Christison, J. S., 277.
 Coe, George A., 600.
 Colegrove, F. W., 600.
 Collier, J. S., 433.
COLVIN, STEPHEN S., 511, 596.
COOK, H. O., 119.
 CURTIS, H. S., 237.
 Dale, H. H., 433.
DAWSON, GEORGE E., 181.
 Dawson, P. M., 594.
 Demoor, Jean, 595, 597.
 Denkov, Zvetan R. H., 125.
 de Sanctis, Sante, 593.
 Donaldson, H. H., 432, 433.
 Drahms, August, 599.
 Dumas, Georges, 600.
 Eisler, Rudolf, 597.
 Ferrière, Emile, 277.
 Fischer, M. F., 594.
 Flournoy, Th., 428.
 Frank, R., 434.
 Garvie, Alfred E., 278.
GILBERT, GEORGE H., 278.
 HALL, G. STANLEY, 275-278 534, 597-600.
 Hannequin, A., 598.
 Hardesty, I., 432.
 Hardy, W. B., 595.
HARWOOD, HENRY, 67.
 Havet, J., 595.
 Heinrich, W., 125, 426.
 Helm, Georg, 598.
 Herman, G., 277.
 HODGE, C. F., 593.
 HODGSON, R., 436.
 HUEY, E. B., 283.
 Janes, E., 593.
 Langendorff, 594.
 Lassett, E. E., 433.
LEUBA, JAMES H., 129.
 Lichtenberger, H., 124.
 MacCunn, John, 599.
 Mach, E., 600.
 Marshall, H. T., 594.
 Marshall, William, 275.
 Martin, Lillie J., 266.
 Massart, Jean, 597.
 MEYER, MAX, 530.
 Mitchell, Mrs. C., 597.
 Moncalm, M., 599.
 MOORE, V. F., 49.
 Mueller, G. E., 266.
 Naumann, Gustav, 276.
 Nietzsche, Friedrich, 124.
 Nitobe, Inazo, 599.

INDEX.

Oppenheimer, Z., 276.
 PARTRIDGE, GEORGE E., 244, 318.
 PATRICK, G. T. W., 428.
 Pearson, Karl, 597.
 Pillon, F., 599.
 Piper, Mrs., 436.
 Rio y de Lara, L., 592.
 Rowe, Stuart H., 124.
 Royce, Josiah, 596.
 Royer, Clémence, 598.
 SANFORD, EDMUND C., 237, 592.
 SAUNDERS, F. H., 534.
 Schaefer, E. A., 594.
 Schenk, Josef, 277.
 Schoemaker, D. M., 433.
 SECOR, W. B., 225, 435.
 Sergeieff, Anna, 277.
 Shute, D. K., 599.
 SLAUGHTER, J. W., 303.
 SMALL, WILLARD S., 80, 133.
 Soury, Jules, 593.
 Spiller, W. G., 433.
 Starkenburg, Heinz, 276.
 STEWART, COLIN C., 240, 430, 594, 595.
 Stirling, James H., 597.
 SWIFT, EDGAR JAMES, 312, 527.
 Thilly, Frank, 598.
 Thompson, Helen B., 432.
 TITCHENER, E. B., 119, 128, 225, 251, 279, 435, 436.
 Vandervelde, E., 597.
 Waagen, Wilhelm, 278.
 Warrington, W. B., 433.
 WATKINS, G. P., 166.
 Weil, R., 434.
 Weind, Heinrich, 277.
 WHIPPLE, GUY M., 377.
 Whitman, C. O., 276.
 Wilson, George R., 597.
 Worcester, W. L., 594.
 Zurn, F. A., 276.

Bd. Rev

 v
 c
 h
 o
 ps
 ct
 s
 t
 a
 sh
 ea

w
v
c
H
o
p
s
ct
s
t
a
sh
ca